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C.R. 27

1940.

ANNUAL REPORT

AND

VITAL STATISTICS

OF THE

RURAL DISTRICT OF BUCKLOW.

Medical Officer of Health:

ARTHUR T. BLEASE,
M.B., CH.B. VICT., M.R.C.S.E., L.R.C.P.L.

Medical Officer of Health for the Rural District, and for the Urban District of Knutsford; Medical Adviser to the North Cheshire Joint Hospital Board.

Sanitary Inspector:

JOHN F. KERSHAW, M.S.I.A.

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PUBLIC HEALTH DEPARTMENT STAFF.

Medical Officer of Health:

(P)(X) ARTHUR T. BLEASE,
M.B., CH.B. VICT., M.R.C.S.E., L.R.C.P.L.

Sanitary Inspector and Cleansing Superintendent:

(W)(X) JOHN P. KERSHAW,
M.S.I.A.

Sanitary Inspector's Assistant:

(B) P. DARBYSHIRE,
C.S.I.B.

Clerk-Typist:

Miss E. DARBYSHIRE.

Health Visitor:

(For Measles and Whooping Cough).

(P) MRS. ALEXANDER.

(P) Part time.
(W) Whole time.
(X) Salary Contribution by Exchequer Grants.
(B) Serving with H.M. Forces since 18th July, 1940.

THE RURAL DISTRICT OF BUCKLOW.

ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH

FOR 1940.

Area of District in Acres, December 31st, 1940, 45,994.
Registrar General's Estimate of Population, 1940, 10,380.
Number of inhabited houses (end of 1940) according to rate books, 2950.
Rateable value, £ 64,370.
Sum represented by a penny rate, £ 249.
Birth Rate per 1,000 living, 12.7.
General Birth Rate (England and Wales), 14.6
Death Rate per 1,000 living, 12.9
General Death Rate (England and Wales), 14.3
Number of women dying in, or in consequence of Childbirth, 2 including 1 from Puerperal Fever.
Deaths under 1 year in proportion to 1,000 Births, 53.
Deaths under 1 year in proportion to 1,000 Births throughout England and Wales, 55.
Deaths from Measles, 0.
Deaths from Whooping Cough, 0.
Deaths from Enteritis (under 2 years old), 0.
Deaths from Cancer, 18.
The total number of Deaths from all causes was 136, of which 7 were children under 1 year old, and 83 were persons over 65 years.

PART II.- TABLES.

Table - 1. Vital Statistics of Whole District during 1940 and two previous Years.

YEAR.	Population.		Births.		Nett Deaths Belonging to the District.			
					Under 1 year of age.		At all ages.	
	For Birth Rate.	For Death Rate.	No.	Rate.	No.	Rate per 1000 Nett Births.	No.	Rate.
1938	9277	9277	136	14.6	7	51	102	10.5
1939	9360	9751	121	12.9	5	41	98	9.5
1940	10380	10380	132	12.7	7	53	136	12.9

Table II. Diseases notified under Acts and Orders during 1940.

Notifiable Disease.	Number of Cases Notified.								Total Cases removed to Hospital.
	At all ages.	At ages - Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Diphtheria (including Membraneous Croup).	12	-	-	9	1	2	-	-	11
Scarlet Fever.	8	-	1	5	2	-	-	-	4
Pulmonary Tuberculosis.	2	-	-	-	-	2	-	-	-
Other forms of Tuberculosis.	2	-	-	1	1	-	-	-	-
Pneumonia.	6	-	-	2	2	1	1	-	-
Measles.	125	3	33	89	[illegible]	3	1	-	-
Whooping Cough.	3	-	2	1			-	-	-
Erysipelas.	1	-	-	-			1	-	-
Puerporal Pyrexia.	1	-	-	-	-	1	-	-	1
Cerebro-Spinal Meningitis.	2	-	-	-	2		-	-	2
Totals:	160	3	25	107	13	9	3	-	18

The one case of erysipelas was a permanent resident in an institution. Of the twelve cases of diphtheria, ten were in an institution evacuated from another district.

TABLE III.

Deaths registered during the calander year, 1940, classified by age and cause.

Causes of Death.	Nett Deaths at the subjoining ages of 'Residents' whether occurring within or without the District.								Total deaths whether of residents or non-residents in Institutions in the District.
	all ages.	Under 1 yr.	2 & under 5 yrs.	5 & under 15 yrs.	15& under 25 yrs.	25 & under 45 yrs.	45 & under 65 yrs.	65 & upwards	
All causes (Certified	136								4
All causes (Un- "	0								0
Influenza	2						1	1	
Phthisis (Pulmonary Tuberculosis)	1							1	
Cancer, Malignant Disease.	18						3	15	1
Organic Heart Disease.	40					1	10	29	
Bronchitis.	7			1			2	4	
Pneumonia. (all forms)	7	1				1	1	4	1
Other Disease of Respiratory Organs.	2						1	1	
Cerebral Haemorrhage.	9						2	7	
Nephritis and Bright's Disease.	1						1		
Arterio-sclerosis.	11						1	10	
Congenital Debility and Malformation, including Premature Birth.	6	6							
Violent Deaths, excluding Suicide.	11			2	1	1	4	3	
Suicide.	3					2			
Other Defined Diseases.	7					1	1	4	2
Tuberculosis Meningitis.	1								
Diabetes.	2						2		
Meningitis.	1				1				
Appendicitis and Typhlitis.	2			1			1		
Puerperal Fever.	1					1			
Other Accidents and Diseases of Pregnancy and Parturition.	1					1			
Senility.	4							4	
Totals...	136	7	1	5	2	8	30	83	4

TABLE IV. INFANT MORTALITY.

1940. Nett Deaths from stated causes at various ages under 1 year of age.

Cause of Death.	Under 1 week.	3-4 weeks.	Total under 4 weeks.	4 weeks & under 3 months.	3 months & under 6 months.	Total Deaths under 1 year.
All Causes (Certified 7. Un- " 0.						
Pneumonia (all forms)	-	-	-	-	1	1
Promature Birth.	5	-	5	-	-	5
Other Causes.	1	-	1	-	-	1
Totals...	6	-	6	-	1	7

Nett Births reg. during the calendar year (legitimate 129. (illegitimate 3.

Still-births..

Nett Deaths reg. during the calendar year (legitimate 7. (illegitimate 0.

(Legitimate 6. (illegitimate 0.

Note that of seven infant deaths, six occurred under one week from Birth.

TABLE V. Notifications of Infectious Diseases.

YEAR.	Scarlatina.	Diphtheria.	Puerperal Fever.	Erysipelas.	Phthisis.	Other forms of Tuberculosis.	TOTAL.
1938.	6	6	-	1	6	2	21
1939.	1	8	-	-	5	1	15
1940.	8	12x	1	1	2	2	26

x See note at foot of Table II.

TABLE VI. Deaths from Special Diseases.

YEAR.	Diarrhoea.	Puerperal Fever.	Phthisis.	Other forms of Tuberculosis.
1938.	-	-	1	1
1939.	-	-	2	-
1940.	-	1	1	1

Note. 1940 is the fourth year in succession without a death from the common Infectious Diseases. The death from Puerperal Fever occurred in a hospital outside the district. The disease was not notified here.

TABLE VII. (a) Number of Cases of Tuberculosis notified during the year ended 31st December, 1940.

	10 to 15		15 to 20.		25 to 35.		35 to 45		TOTALS.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Pulmonary.	-	-	-	-	-	1	-	1	-	2
Non-Pulmonary.	-	1	-	1	-	-	-	-	-	2

TABLE VII (a) contd.

Transfers from other Areas.

	5 to 10.		15 to 20.		20 to 25.		25 to 35.		TOTALS.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Pulmonary.	-	-	-	-	-	1	-	-	-	1
Non-Pulmonary.	-	1	1	-	-	-	-	-	1	1

TABLE VII (b). Number of Deaths from Tuberculosis registered during the Year ended 31st December, 1940.

	5 to 10.		65 and upwards.		TOTALS.	
	M.	F.	M.	F.	M.	F.
Pulmonary.	-	-	-	1	-	1
Non-Pulmonary.	1	-	-	-	1	-

Notification is perfect. The Register at the end of 1940 showed:-

Pulmonary Cases.
Males. 11) 28
Females. 17)

Non-Pulmonary Cases.
Males. 8) 15
Females. 7)

) 43.

No persons suffering from tuberculosis were found to be engaged in food supply or distribution.

No action under Section 172, Public Health Act, 1936.

The County Laboratory examined 31 samples of Sputum of which seven were positive.

Owing to requests to Medical Officers to contract their Reports during the War, I have added foot-notes to some of the Tables, and as Ambulance, Hospital and Laboratory facilities &c. are unchanged, only Diphtheria Immunization calls for special comment. The Council's Scheme commenced in January 1939 and at the time of writing (October 1941) 890 children have been immunized. This amounts to about 50.5% of the total child population, not merely of the School Child population. This is a better result in less than three years than some large cities have obtained in twelve years, and is remarkable in a scattered rural district where there is not one whole-time Medical Officer, and where we have no control of Health Visitors, School Clinics, School Nurses or Teachers or of Maternity and Child Welfare Services. The credit for this success is due to the energy and tact of the local doctors, the common-sence of parents, and primarily, to the wisdom of the Council in adopting the scheme they did.

PART III.

SANITARY CIRCUMSTANCES OF THE DISTRICT.

WATER SUPPLY.-

No schemes were carried out during the year.

RIVERS AND STREAMS.-

The inspection of rivers and streams and the taking of samples has been carried out as in the past years.

DRAINAGE.-

The water test is applied to all work before being passed.

CLOSET ACCOMMODATION.-

The following is as close an estimate as possible of the different kinds of accommodation:-

Water closets, 1476; Pail closets, 930; Dry Ashpits, 120; Dustbins, 1800; Cesspools or septic tanks and filters, 960; Privy closets, 170.

HOUSING.-

Council houses are situate in the following parishes:-

Carrington.....	30
Partington.....	37
Mobberley.....	30
Warburton.....	6
	103.

SANITARY INSPECTION OF THE AREA.

Particulars of inspections made and notices served are shown in the following table:-

Number and Nature of Inspections made.	Number.	Number of Notices served.		Result of Service of Notices.	
		Statutory.	Informal.	Notices complied with.	Remaining in hand.
1. Dwelling Houses (general inspections)	320	-	32	38	114
2. Water Supply.	36	-	-	-	-
3. Schools.	17	-	-	-	-
4. Tents, Vans, Sheds &c.	56	-	-	-	-
5. Refuse Disposal.	150	-	-	-	-
6. Privy-middens, Earth or Pail Closets.	76	-	-	-	-
7. House Drainage.	72	-	-	-	-
8. Cesspools.	30	-	-	-	-
9. Ditches, Watercourses &c.	7	-	-	-	-
10. (a) Slaughterhouses (Public)	-	-	-	-	-
(b) do. (Private)	-	-	-	-	-
11. Piggeries.	4	-	-	-	-
12. (a) Dairies. (b) Cowsheds. (c) Milkshops.	(215	-	-	-	-
13. Overcrowding.	14	-	-	-	-
14. Smoke Observations.	-	-	-	-	-
15. Infectious Disease Inquiries, and re-visits.	21	-	-	-	-
16. Miscellaneous.	528	-	-	-	-
Totals	1318	-	32	38	114.

FACTORIES, WORKSHOPS AND WORKPLACES.

Due to the Staff being engaged on Civil Defence matters, only two inspections were made.

TABLE VIII.

HOUSING STATISTICS, 1940.

Number of new houses erected during the year:-

(a) Total (including numbers given separately under (b))
(i) By the Local Authority..... 0.
(ii) By other Authorities..... 0.
(iii) By other bodies and persons..... 0.

1. Inspection of Dwelling-houses during the year:-

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)..... 40.
(b) Number of inspections made for the purpose..... 86.

(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Act, 1936..... 2.
(b) Number of inspections made for the purpose..... 6.

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.....0.

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation..... 2.

2. Remedy of Defects during the year without service of Formal Notices:-

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers.... 0

3. Action under Statutory Powers during the year:-

A.- Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:-
(1) Number of dwelling-houses in respect of which notices were served requiring repairs..... 0
(2) Number of dwelling-houses which were rendered fit after service of formal notice:-
(a) By owners..... 0
(b) By local authority in default of owners..... 0

B.- Proceedings under Public Health Acts:-
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied..... 0
(2) Number of dwelling-houses in which defects were remedied after service of formal notice:-
(a) By owners..... 0
(b) By local authorities in default of owners..... 0

C.- Proceedings under Sections 11 and 13 of Housing Act, 1936:-
(1) Number of dwelling-houses in respect of which Demolition Orders were made..... 0
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders..... 0

D.- Proceedings under Section 12 of the Housing Act, 1936:-
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made..... 0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit..... 0

4. Housing Act, 1936.- Part IV.- Overcrowding:-

There was no change during the year.

FACTORIES AND WORKSHOPS,

COW-KEEPERS AND MILK-SELLERS.

The following numbers are given for easy reference:-

Number of	Dairies	381
"	Cowkeepers	537
"	Slaughterhouses	20
"	Milk Shops	4
"	Grocer's Shops	34
"	Butcher's Shops	8
"	Fish, Fruiterers and other shops	20
"	Bakehouses	108
"	Factories	
"	Workshops	
"	Domestic Workshops	
"	Outworkers	0
Number of	Water Closets	1476
"	Dustbins	1800
"	Dry Ashpits	120
"	Middens	170
"	New Houses built	0
"	Houses in District	2948

SMOKE ABATEMENT:- No complaints were received of the chimneys in the area during the year.

PREMISES and OCCUPATIONS which can be controlled by BYE-LAWS or REGULATIONS.- No complaints were received about the Paint Works at Partington and no nuisance was noticed from them on visiting the parish. There are no bye-laws in force in the district as to tents, vans, sheds &c. There are no underground sleeping rooms in the district.

SHOPS and OFFICES.- No action has been found necessary during the year.

SWIMMING BATHS and POOLS.- There is one privately owned Bathing Pool in the area and every endeavour is made to keep the water in a satisfactory condition. Regular inspections have been made during the season.

ERADICATION of BED BUGS.- No action has been necessary.

OTHER SANITARY CONDITIONS REQUIRING NOTICE.- There does not appear to have been any important matters of sanitary environment which have required special attention.

REMOVAL and DISPOSAL of REFUSE.- This work has been carried out regularly in the parishes of Dunham Massey, Mobberley, Partington, Ashley, Ringway, Carrington, Warburton, Tabley, More, Millington, Bollington, Peover, Ollerton, Plumley, High Legh, Pickmere and Agdon.

(a) Dry Refuse is collected into covered lorries and tipped straight from the dustbin into the lorry. Where the refuse is in dry ashpits it is loaded straight into the lorry or put into collecting tins and then transferred to the lorry.

(b) Refuse from earth closets and privies is loaded direct into collecting tins and these are then put into the lorry.

No refuse is deposited on the ground or in passages in any case.

(c) Dry refuse is deposited in tips which are properly covered as the work proceeds.

(d) House refuse from earth closets and privies is disposed of to farmers.

(e and f) The Council has not undertaken the cleansing of cesspools.

The collection of refuse is carried out by means of two Bedford Lorries, one being a 3-ton vehicle and the other a 2-ton vehicle which replaced the 1935 30-cwt. vehicle. Both vehicles are giving satisfactory service.

The following tables show the work done during the year ended December 31st, 1940, also the total work done during the financial year ended 31st March, 1941, and the cost of the same:-

	Houses visited.	Dry Ashpits cleared.	Dust-bins emptied.	Middens cleared.	Pails emptied.	Loads removed.
Dunham Massey.	7055	-	7705	-	1595	77½
Mobberley.	20209	104	17386	72	10405	176¼
Partington.	10369	18	9091	168	4339	83½
Ashley.	2646	-	2819	96	1814	31½
Ringway.	1768	-	2142	16	5791	49½
Carrington.	5514	-	5040	8	2743	40½
Warburton.	2504	-	2648	-	1729	39¼
Bollington.	1794	4	1720	21	1994	22
Peover.	6401	1	6393	15	5287	78¼
Tabley.	2660	-	2817	-	3687	65¼
Mere.	7233	-	10301	-	1924	105
Ollerton.	2553	-	2200	-	1496	27¼
Plumley.	4028	-	4044	-	1485	26½
Pickmere.	3602	-	3857	-	3225	62¾
Millington.	1898	-	1712	3	1427	27
High Legh.	6566	-	5519	-	10305	99¼
Agden.	434	-	401	-	259	12½
TOTALS.-	87234	127	85795	399	59505	1023¾
Year ending 31st March, 1941.	89377	116	88485	390	59103	1015¾

COST OF REFUSE COLLECTION AND DISPOSAL DURING THE YEAR ENDED MARCH 31st 1941.
(Subject to Accounts).

		£.
Wages of Workmen		1221.
National Health & Unemployment Insurances		34.
Superannuation		36.
Motor Insurances		23.
Motor Licences		70.
Motor Repairs and Renewals		125.
Petrol & Oil		226.
Rates, Rents & Taxes		70.
Disinfectants		21.
Vehicle Loan Repayment		80.
Advertising, Printing, Stationery &c		4.
Employers' Liability Insurance		6.
Lorry Hire		569.
Other Expenditure		20.
		2505
LESS Credit:-		
Petrol & Oil	3.	
Collection of Sanitary Pails	731.	
Rent of Garage	8.	
Salvage	174.	966.
		£ 1539.

SCHOOLS.- The schools are frequently visited and disinfected by the Council's staff as and when required.

INSPECTION AND SUPERVISION OF FOOD.

(a) MILK SUPPLY.- Inspections of dairies, cowsheds and milk-shops have not been carried out as well as in previous years due to present conditions. More attention should be paid to the cows, milkers, vessels and premises generally with a view to the provisions of the Milk and Dairies Orders being strictly carried out.

Samples submitted for biological examination were taken by the County Council.

Tuberculosis Cows were dealt with by Ministry of Agriculture Veterinary Staff.

(b) MEAT AND OTHER FOODS.- Meat inspection has practically ceased due to arrangements for centralized slaughtering.

(c) ADULTERATION, etc.- The work under the various Acts and Regulations is carried out by the County Council.

I wish to thank Mr. Kershaw, the Sanitary Inspector, for help in preparing this report and to express my appreciation of the quality and excellence of his work during the year. Thanks are also due to Mr. Shaw, the Engineer and Surveyor, and to Mr. Sweet, the Finance and Rating Officer, for information supplied.

ARTHUR T. BLEASE.

M.B., CH.B., M.R.C.S.Eng., L.R.C.P.,London.